MYCOPATHOLOGIA

ET

MYCOLOGIA APPLICATA

FUNDATORES:

R. CIFERRI

P. REDAELLI

EDENDA CURAVIT:

TIBOR BENEDEK

Chicago, Ill.

EDITORES:

S. Akai, Kyoto — J. Alkiewicz, Poznán — F. de Almeida, São Paulo — A. N. Aravysky, Leningrad — A. E. de Arêa Leão, Rio de Janeiro — V. A. Balabanoff, Sofia — E. Baldacci, Milano — J. Bánhegyi, Budapest — E. Baudys, Brno — J. Biguet, Lille — F. Blank, Philadelphia, Pa. — S. R. Bose, Calcutta — Wm. Bridge Cooke, Cincinnati, Ohio — Roy F. Cain, Toronto — H. Campins, Barquisimeto, Venezuela — A. L. Carrión, San Juan, P. R. — A. Castellani, Lisboa — A. Catanei, Alger — K. Cejp, Praha — A. Chaves Batista, Pernambuco — A. Ciccarone, Bari — N. F. Conant, Durham, N. C. — J. N. Couch, Chapel Hill, N. C. — S. N. Dasgupta, Lucknow — E. D. DeLamater, New York, N.Y. — C. W. Dodge, Burlington, Vt. — E. Drouhet, Paris — C. W. Emmons, Washington, D. C. — R. Evolceanu, Bucharest — E. Fejér, Budapest — G. W. Fischer, Pullman, Wash. — G. Florenzano, Firenze — A. da Fonseca, Rio de Janeiro — N. Fries, Uppsala — A. Gonzalez Ochoa, Mexico, D. F. — H. Götz, Essen — L. Grigoraki, Marseille — E. I. Grin, Sarajevo — E. Hazen, Albany N. Y. — R. Heim, Paris — N. Hiratsuka, Tokyo — D. Janke, Fulda — J. Jørstad, Oslo — P. N. Kashkin, Leningrad — F. D. Kern, State College, Pa. — A. M. Kligman, Philadelphia, Pa. — H. H. Kuehn, Bristol, Pa. — C. da Silva Lacaz, São Paulo — J. Lodder, Delft — J. E. Mackinnon, Montevideo — O. de Magalhaes, Belo Horizonte — F. Mariat, Paris — P. Martens, Louvain — D. S. Martin, Durham, N. C. — J. Meyer, Strasbourg — H. Pereiro Miguens, Santiago de Compostela — R. Morquer, Toulouse — E. M. Mrak, Davis, Calif. — J. A. Nannfeldt, Uppsala — P. Negroni, Buenos Aires — F. L. Niño, Buenos Aires — J. Obrtel, Praha — T. Ørskov, København — Pereira Filho, Porto Alegre — B. Peyronel, Torino — A. Pilat, Praha — P. Pinetti, Cagliari — A. Pinto Viegas, Campinas — J. Politis, Athènes — G. Pollacci, Pavia — T. Rayss, Jerusalem — I. Reichert, Rehovot — F. Reiss, New York — E. Rivalier, Paris — K. Sakaguchi, Tokyo — R. Sartory, Strasbourg — G. H. Scherr, Chicago Heights — J. Schwarz, Cincinnati — F. J. Seaver, Winter Park, Fla. — G. Ségretain, Paris — R. Singer, Buenos Aires — A. H. Smith, Ann Arbor, Mich. — F. K. Sparrow, Ann Arbor, Mich. — J. A. Stevenson, Beltsville, Md. — Y. Takahashi, Sendai — M. J. Thirumalachar, Pimpri, Poona — A. Trotter, Vittorio Veneto — N. van Uden, Lisboa — A. C. Ukil, Calcutta — R. Vanbreuseghem, Anvers — C. Vermeil, Nantes — O. Verona, Pisa — G. A. de Vries, Baarn — S. A. Waksman, New Brunswick, N. J. — L. E. Wehmeyer, Ann. Arbor, Mich.

VOLUMEN XXIII

UITGEVERIJ Dr. W. JUNK — DEN HAAG — 1964

VOLUMEN XXIII

Fasc. 1 (pag. 1— 80) edit.: 15—VII —1964
Fasc. 2 (pag. 81—160) edit.: 15—VIII—1964
Fasc. 3 (pag. 161—240) edit.: 30—IX —1964
Fasc. 4 (pag. 241—360) edit.: 15—XI —1964

INDEX AUTORUM

Agarwal, G. P. 314
Agnihothrudu, V. 111
Alteraş, I. 68
Ananthanaranayan, S. 346
Andleigh, H. S. 81
Asgari, M. 321
Baheker, V. S. 266
Benedek, T. 85, 155, 156, 159
Borelli, D. 118
Bridge Cook, W. M. 79, 155, 157, 354, 355
Brown, G. W. 269
Castellani, A. 161
Chandra, S. 252
Chaudury, R. 36
Conant, N. F. 321
Coretti, M. L. 118
Deshpande, K. B. 277
Donald, G. F. 269
Drummond, R. O. 360
Durrell, L. W. 339
Dvořak, J. 121, 294
Flórián, E. 39
Galgóczy, J. 39
Göbelez, M. 47
Gosh, G. R. 29
Grube, D. 1
Hasija, S. K. 235, 314
Hayashi, J. A. 80
Hejtmánek, M. 99
Hejtmánková-Uhrová, N. 256
Karling, J. S. 215
Karpova, M. F. 281
Kern, H. 153
Kuehn, H. H. 29
Kunert, J. 256
Mankowski, Z. Th. 141
Martin, G. W. 358
Mehrotra, M. D. 167, 175, 182, 223
Negru, A. 241
Novák, E. K. 39
Orr, G. F. 29
Otčenášek, M. 121, 294
Patwardhan, P. G. 45, 129
Pavgi, M. S. 188, 210
Rajderkar, N. R. 277
Rao, D. 23, 287, 291
Rao, P. N. 36
Rao, P. R. 23, 287, 291
Rao, R. 263, 266
Rao, V. G. 125, 297, 311
Rokde, B. G. 245
Schwartz, W. 1
Sheffer, R. L. 159, 359
Singh, J. 210
Singh, U. P. 188
Sparrow, F. 158
Stolk, A. C. 150
Tandon, R. N. 252
Tilak, S. T. 245, 249
Verma, J. P. 132
Viswanathan, T. S. 203, 231
Widra, A. 197

CONTENTS: CONTENUTO: INHALT: TABLE DES MATIÈRES:

pag.

D. Grube & W. Schwartz: Beitrag zur Reservoirfrage von Dermatomyceten und zur Frage der Beziehungen zwischen Gymnoascaceen und Dermatomyceten (mit 12 Fig.). (*Inst. für Microbiol. der Univ. Greifswald, Deutschland*) 1

P. R. Rao & D. Rao: Some allied Dematiaceae-Dictyosporae from India (with 7 figs.). (*Dept. of Bot., Nizam Coll. and Dept. of Bot., Vivek Vardhini Coll. Hyderabad A.P., India*) 23

H. H. Kuehn, G. F. Orr & G. R. Ghosh: A New Species of *Petalosporus* (with 35 figs.). (*Dept. of Biochem., Rohm & Haas Co., Bristol, Pa.; Dept. of Bot., Univ. of Cal., Los Angeles, Calif.; Bot. Dept., Ravenshaw Coll., Cuttack, Orissa, India*). 29

P. N. Rao & R. Chaudhury: A New Species of *Cochliobolus* from Hyderabad, India (with 5 figs.). (*Mycol. and Plant Pathol. Section, Dept. of Bot., Osmania Univ., Hyderabad, India*) 36

E. Flórián, J. Galgóczy & E. K. Novák: Are *Microsporon distortum* Di Menna et Marples 1954 and *Microsporum umbonatum* Sabouraud 1907 Identical? (with 6 figs.). (*State Inst. of Derm. and Vener., Budapest; Hyg. and Epidem. Station of Budapest; State Inst. of Hyg. Budapest*) 39

P. G. Patwardhan: Occurrence of *Ampelomyces* (= *Cicinnibolus*) as a Hyperparasite on Powdery Mildew Fungi in Bombay-Maharashtra. (*M.A.C.S. Labs., Poona-4, India*) 45

M. Göbelez: La Mycoflore de Turquie. (*Şeker Fabrikasi Zirai Araş. Lab., Eskişehir-Turquie*) 47

Printed in Holland by
n.v. Dijkstra's Drukkerij v/h Boekdrukkerij Gebroeders Hoitsema, Groningen

pag.

I. Alteraş: Critical Survey of Medical Mycology in Romanian People's Republic for the Years 1952—1962. (*Dept. of Mycol., Derm.-Vener.-Centre, Bucharest*) 68

Libri Novi 79

Gallery of Contemporary Noted Mycologists Nrs. 221, 222, 223, 224.

H. S. Andleigh: Rapid Identification of *Candida albicans* (*Dept. of Pathol. and Bacteriol., S. P. Med. Coll., Bikaner*) 81

T. Benedek: A New Dermatophyte, *Thallomicrosporon kuehnii* Benedek, 1963. (with 9 plates). (*Mycol. Sect., Dept. of Dermatol., Stritch School of Med., Loyola Univ., Chicago, Ill.*) 85

M. Hejtmánek: Ueber die morphophysiologische und genetische Charakteristik des Pleomorphismus (mit 6 Abb.). (*Inst. für Biol., Med. Fak. der Palacky Univ., Olomouc 5, Tschechoslowakei*) 99

V. Agnihothrudu: Notes on Fungi from North-East India - XXII. Some Species of *Hypoxylon* from Assam. (with 12 figs.). (*Tocklai Experimental Station, Cinnamara, Assam*) 111

D. Borelli & M. L. Coretti: Datos sobre Tinea Capitis en Venezuela. (*Fac. de Med., U.C.V. y Servicio de Med. III, Hosp. de Niños "J. M. de los Ríos"*) 118

M. Otčenášek & J. Dvořak: The Isolation of *Chrysosporium keratinophilum* (Frey) Carmichael 1962 and Similar Fungi from Czechoslovakian Soil. (with 4 figs.). (*Inst. of Parasitol., Czechoslovak Acad. of Sci., Prague*) 121

V. G. Rao: The Genus *Phyllosticta* in Bombay-Maharashtra, V. (*M.A.C.S. Labs., Law Coll. Bldgs., Poona—4, India*) 125

P. G. Patwardhan: A New Species of *Sphaerotheca* from India., (with 1 fig.). (*M.A.C.S. Labs., Poona—4, India*) 129

J. P. Verma: Studies in the Enzyme Make-Up of *Alternaria*, VIII. Pectic Enzymes. (with 5 figs.). (*Bot. Dept., Univ. of Kalyani, Kalyani, W. Bengal*) 132

Z. Th. Mankowski: Occurrence of Brain Calcifications, Iron Deposits, and Tonic-Clonic Convulsions Following Experimental Infections with *Candida albicans*. (with 7 figs.). (*Inst. of Microbiol., Rutgers, The State Univ., New Brunswick, N.J.*) 141

Obituary: Agathe L. van Beverwijk (1907—1963) 150

Obituary: Ernst Gäumann (1893—1963) 153

Libri Novi 155

Gallery of Contemporary Noted Mycologists: Nrs. 225, 226, 227, 228.

A. Castellani: A Note on *Glenosporella peralbida* n. sp., a Fungus found in three Cases of Tinea alba palmaris (with 4 figs.). (*Inst. de Med. Trop., Lisbon, Portugal*) 161

M. D. Mehrotra: Studies on Choanephoraceae. IV. Carbon Requirements. (*Allahabad, India*) 167

M. D. Mehrotra: Studies on Choanephoraceae. VI. The Utilization of Mono- and Oligosaccharides. (*Allahabad, India*) 175

M. D. Mehrotra: Studies on Choanephoraceae. VIII. Interaction of Carbon and Nitrogen Sources (*Allahabad, India*) 182

M. S. Pavgi & U. P. Singh: Parasitic Fungi from North India (with 30 figs.). (*Coll. of Agricult., Banaras Hindu University, India*) 188

A. Widra: Phosphate Directed Y-M Variation in *Candida albicans*. (*Dept. of Bacteriol. and Immunol., School of Med., Univ. of N. Carolina, Chapel Hill*) 197

T. S. Viswanathan: Behaviour of *Ustilago scitaminea* Syd. obtained from Diverse Localities in India (with 21 figs.). (*M.A.C.S. Labs., Poona-4, India*). 203

M. S. Pavgi & J. Singh: Some Parasitic Fungi on Rice (*Oryza sativa* L.) from India (with 11 figs.). (*Coll. of Agricult., Banaras Hindu Univ., India*). 210

J. S. Karling: Indian Chytrids. III. Species of *Rhizophlyctis* Isolated on Human Fibrin Film (with 26 figs.). (*Purdue Univ., Lafayette, Indiana, U.S.A.*) 215

M. D. Mehrotra: Studies on *Helicostylum piriforme*. II. Utilization of Mono-, Oligo-, and Polysaccharides (with 3 figs.). (*Allahabad, India*) . . . 223

T. S. Viswanathan: Chlamydospore Germination in *Liroa emodensis* (Berk.) Cif. (with 11 figs.). (*M.A.C.S. Labs. Poona-4, India*) 231

S. K. Hasija: Additions to the Fungi of Jabalpur (Madhya Pradesh). IV (with 3 figs.). (*Dept. of Bot. Govt. Sci. Coll., Jabalpur, India*) 235

Gallery of Contemporary Noted Mycologists: Nrs. 229, 230, 231, 232.

A. Negru: *Veronidia*, un genre nouveau des Sphaerioidales et deux champignons parasites sur les feuilles de *Vaccinium* (avec 1 fig.). (*Bucarest, Roumanie*) 241

S. T. Tilak & B. G. Rokde: Fungi on *Acacia arabica* Linn. (with 3 figs.). (*Bot. Dept., Marathwada Univ., Aurangabad, India*) 245

pag.
S. T. Tilak: A New Species of *Diatrype* from India (with 1 fig.). (*Bot. Dept., Marathwada Univ., Aurangabad, India*) 249
S. Chandra & R. N. Tandon: Two New Species of *Phyllosticta* from Allahabad (with 2 figs.). (*Bot. Dept., Univ. of Allahabad, India*) 252
N. Hejtmánková-Uhrová & J. Kunert: Untersuchungen zur Frage der Biologischen Regulation des Wachstums und der Verbreitung der Geophilen Dermatophyten im Erdboden (mit 2 Abb.). (*Biol. Inst., Med. Fak. der Palacký Univ., Tschechoslowakei*) 256
Ramchandra Rao: A New Species of *Diatrypella* from India (with 1 fig.). (*Bot. Dept., Marathw da Univ., Aurangabad, India*) 263
Ramchandra Rao & V. S. Baheker: Fungi on *Cycas revoluta* Thunb. (with 1 fig.). (Bot. Dept., Marathwada Univ., Aurangabad, India) . . . 266
G. W. Brown & G. F. Donald: Equine Ringworm Due to *Trichophyton mentagrophytes* var. *quinckeanum*. (*Adelaide*). 269
K. B. Deshpande & N. R. Rajderkar: New Species of *Alternaria* from Marathwada (India) (with 2 figs.). (*Bot. Dept., Marathwada Univ., Aurangabad, India*). 277
M. F. Karpova: On the Morphology of Rhinosporidiosis (with 5 figs.). (*Dept. of Derm. of the First Med. Inst. I. P. Pavlov, Leningrad*) . . . 281
Dev Rao & P. Raghuveer Rao: *Vrikshopama*, a New Genus of Stilbaceae (with 5 figs.). (*Vivek Vardhini Coll. and Nizam Coll., Hyderabad A. P., India*) 287
P. Raghuveer Rao & Dev Rao: *Diplorhinotrichum* Hohn. from India (with 3 figs.). (*Nizam Coll. and Vivek Vardhini Coll., Hyderabad A. P., India*) 291
J. Dvořak & M. Otčenášek: Geophilic, Zoophilic and Anthropophilic Dermatophytes. A Review. (*Inst. of Parasitol., Czechoslovak Acad. of Sci., Prague*) 294
Vasant Gurunath Rao: Some New Market and Storage Diseases of Fruits and Vegetables in Bombay-Maharashtra (with 16 figs.). (*M.A.C.S. Biol. Labs., Poona-4, India*) 297
Vasant Gurunath Rao: An Undescribed Species of *Alternaria* on Wheat from India (with 2 figs.). (*M.A.C.S. Biol. Labs., Poona-4, India*) . . . 311
G. P. Agarwal & S. K. Hasija: Fungi Causing Plant Diseases at Jabalpur (Madhya Pradesh)-X. Some Cercosporae. II. (with 2 figs.). (*Bot. Dept., Govt. Sci. Coll., Jabalpur, India*) 314
M. Asgari & N. F. Conant: A Preliminary Note of Skin Test Sensitivity between Histoplasmin and Chrysosporin in Experimental Animals (with 3 figs.). 321
V. P. Sahni: Some Foliicolous Ectoparasites and Associated Fungi from Jabalpur (M.P.)-I (with 8 figs.). (*Dept. of Bot., Govt. Sci. Coll., Jabalpur, India*) 328
L. W. Durrell: The Composition and Structure of Walls of Dark Fungus Spores (with 5 figs.). 339
S. Ananthanaranayan: Studies in Indian Phyllophoraceae. VI (with 6 figs.). (*M.A.C.S., Poona-4, India*). 346
Libri Novi 354
Gallery of Contemporary Noted Mycologists: Nrs. 233, 234, 235, 236.

286 text-figures.

GALLERY OF CONTEMPORARY NOTED MYCOLOGISTS

221. Edith Varsavsky, Buenos Aires, Argentina
222. L. Shanor, Washington D.C., U.S.A.
223. P. P. Chiddarwar, Pimpri Poona, India
224. C. Allison, Columbus, Ohio, U.S.A.
225. Lee Bonar, Berkeley, Calif., U.S.A.
226. K. Hübschmann, Praha, Czechoslovakia
227. A. A. Anwar, Karachi, Pakistan
228. C. R. Benjamin, Beltsville, Md., U.S.A.
229. Sister Regis Mary, Brisbane, Australia
230. Nora Hejtmánková-Uhrová, Olomouc, Czechoslovakia
231. H. L. Barnett, Morgantown, W. Virginia, U.S.A.
232. F. T. Wolf, Nashville, Tennessee, U.S.A.
233. Mary P. English, Bristol, Great Britain
234. R. L. Gilbertson, Syracuse, N.Y., U.S.A.
235. A. M. Arievich, Moscow, U.S.S.R.
236. F. C. Bokobo, Ann Arbor, Michigan, U.S.A.